



Japanese
Cruise
#7

D4996 - 5035

4886 next Hy
4996 in Dr

Japanese Cruise

1906

9

No. 7

=

No. *D. 4996.* Date *22 Sep. 06*

Machine. Reel.

Turns Cor. +

(Depth *86 fms.*

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air *67°* Surface *67°* Drift

Trawl or dredge *9' Agassiz.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>3.24.55</i>	<i>3.57.00</i>
		100	<i>27.40</i>	<i>53.50</i>
		200	<i>3.30.20</i>	<i>3.50.30</i>
		300	<i>= 20 min.</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L.	-
		2600	Weather	bar. 9
		2700	Wind	SSW. 4
		2800	Baroid	29.79
		2900	Sea	N.
		3000	Chart	H.O. 2124
		3100	Course PSC.	East.
		3200	Lat. 45° 35' 00" N.	
		3300	Long. 140° 55' 00" E.	
		3400	Bomasini Shina	
		3500	S. 19° E. (tr), dist.	
		3600	6.6 miles.	
		3700	(off N. end Rebus Is.)	
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 4997 Date 23 Sep 06
 Machine. Lucas Reel. Lucas
 Turns 318 Cor. + 35.4 Depth 318
 Shot or lead 35 lb
 Bottom gn m
 Bottom temperature 32.9
 No. of thermometer 108155 Cor. -0.1
 Corrected temperature 32.8
 Air 62.0 Surface 60.0 Drift
 Trawl or dredge 9

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
46 00	53 00	0	58 40	52 45
47 00	52 00	100	58 30	49 30
47 55	51 25	200	05 10	46 30
48 55	50 40	300	07 00	43 15
49 10	50 25	400	09 50	40 00
		500	12 50	37 10
		550	14 15	34 40
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20. m.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L.</i>	<i>93.1</i>
		2600	<i>Weather</i>	<i>bc</i>
		2700	<i>Wind</i>	<i>N N W 1-2</i>
		2800	<i>Sea</i>	<i>S</i>
		2900	<i>Bar</i>	<i>29.78</i>
		3000	<i>Chart</i>	<i>1771</i>
		3100	<i>Course</i>	<i>E 11</i>
		3200	<i>Lat</i>	<i>4° 38' 40"</i>
		3300	<i>Long</i>	<i>14° 24' 30"</i>
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1997*Date *23 Sep 06*

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *63°*Surface *60°*

Drift

Trawl or dredge *2-3*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>9. 00.30</i>	<i>4.10</i>
		100	<i>03.30</i>	<i>39.50</i>
		200	<i>16.30</i>	<i>36.00</i>
		300	<i>09.30</i>	<i>32.00</i>
		<i>320</i> 400	<i>16.30</i>	<i>09.30.40</i>
		500		
		600		
		700	<i>Traced 20 ft at E. & depth of 250 fms</i>	
		800		
		900		
		1000		
		1100		
		1200	<i>Net on bottom came up full of mud</i>	
		1300		
		1400		
		1500	<i>Net torn carried away</i>	
		1600		
		1700	<i>Net torn top cups came up but spaced</i>	
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L.</i>	—
		2600	<i>Weather</i>	<i>bc 1</i>
		2700	<i>Wind</i>	<i>N/W 2</i>
		2800	<i>Sea</i>	<i>5</i>
		2900	<i>Bar</i>	<i>29.78</i>
		3000	<i>Course</i>	<i>W</i>
		3100	<i>Chart</i>	<i>1771</i>
		3200	<i>Lat</i>	<i>40° 39'</i>
		3300	<i>Long</i>	<i>14° 26'</i>
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
<i>25</i>	<i>60</i>			
<i>50</i>	<i>59</i>	<i>104914</i>	<i>-0.3</i>	<i>58.7°</i>
<i>75</i>	<i>46.7</i>	<i>108021</i>	<i>-0.2</i>	<i>47.5°</i>
<i>100</i>	<i>37.7</i>	<i>108155</i>	<i>-0.1</i>	<i>36.9°</i>
<i>150</i>	<i>34.1</i>	<i>101019</i>	<i>-0.1</i>	<i>34.0°</i>
<i>200</i>	<i>32.1</i>	<i>98244</i>	<i>-0.1</i>	<i>32.0°</i>
500				
600				
700		<i>5 m</i>	<i>to</i>	<i>set</i>
800		<i>down</i>	<i>at</i>	<i>9.56</i>
900				
1000				

11-1023

REMARKS:

100
50
25
15
12

5 Thermos. & 10. B.

No. *4998*Date *23 Sep 16*Machine. *Lucas*Reel. *Lucas*

Turns

Cor. +

Depth *66*Shot or lead *35#*Bottom *bn M fine gy S*

Bottom temperature

No. of thermometer *10855*Cor. - *0.1*Corrected temperature *35.9*Air *60*Surface *60*

Drift

Trawl or dredge *9 Lucas*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.49.30</i>	<i>5.20.5</i>	0	<i>10.56.00</i>	<i>27.20</i>
<i>Sp 15</i>	<i>10.51.05</i>	100	<i>11.00.30</i>	<i>24.10</i>
		150	<i>02.30.11</i>	<i>22.30</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

19'

No. 10.4999 Date Sept

Tanner Machine. Reel.

Turns Cor.+ Depth 31 faths.

~~Shot or lead~~ 30 lb.

Bottom gy. M., g.

Bottom temperature 42.6°

No. of thermometer 108153- Cor. -

Corrected temperature 42.5°

Air 59° Surface Drift

Trawl or dredge 9 City assay.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 - 01 17	1	0	1	1 01 17
1 - 01 1	1	100	1	1 01 1
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

8 hand lines over side from 12.45 to 1.00 P.M.
 Catch 2 Cod (4 + 5 lbs.), and 2 sculpins.

No. *10, 5-000*Date *1 + 93*

Machine.

Reel.

Turns.

Cor. +

Depth *Estim. 81 fath.*

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *15-8°*Surface *60°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100	<i>1-48-00</i>	<i>2-08</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 5001

Date

Reel.

Turns

Cor. +

Depth 30 fms

Shot or lead 35 lbs.

Bottom gy. M. &

Bottom temperature No thermom.

No. of thermometer

Cor.

Corrected temperature

Air 58° Surface 60° Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN. P.M.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 10. 5-002. Date Sept 23, 1906

Machine. Reel.

Turns. Cor.+ Depth Est.

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 59° Surface 60° Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 10. 5-003 Date Sept 23/0

Tanner Machine. Reel. Tanner

Turns. Cor. +

Depth 35 fath.

Shot or lead 3

Bottom fine gy. S. gw.

Bottom temperature 42.5

No. of thermometer 10813-5 Cor. -.1

Corrected temperature 42.4

Air 59° Surface 60° Drift

Trawl or dredge P. Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D. 5004.* Date *23 Sep. 06.*
J. T. N. Machine. Reel. *1*
 Turns Cor.+ Depth *38 fms.*
~~Shot or lead~~ *long shank 30 lb*
 Bottom *gn. M.*
 Bottom temperature *41.3*
 No. of thermometer *108155* Cor. *- . 1*
 Corrected temperature *41.2*
 Air *60°* Surface *60°* Drift
 Trawl or dredge *9' Agassiz.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	<i>4.00.15</i>	0	<i>4.03.30</i>	<i>4.58.15</i>
<i>3.59.15</i>	<i>3.57.00</i>	<i>32</i> 100	<i>4.05.00</i>	<i>4.56.00</i>
		200	<i>4.06.30</i>	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>Weather.</i>	<i>Sea 1.</i>
		2600	<i>Wind</i>	<i>WNW 3-4.</i>
		2700	<i>Sea</i>	<i>S.</i>
		2800	<i>Aneiroid</i>	<i>29.80</i>
		2900	<i>Chart</i>	<i>No. 1777.</i>
		3000	<i>Course 180</i>	<i>South.</i>
		3100	<i>Lat. 47°</i>	<i>31' N.</i>
		3200	<i>Long. 141°</i>	<i>44' 30" E.</i>
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 1 5005 Date 24 Dec 1897

Machine. Reel. 1

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer 108155 Cor.

Corrected temperature

Air 59. Surface 58. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		55.7
		2600	the	tempo
		2700	and	SW. 16 V
		2800		C
		2900	the	30.0 2
		3000		
		3100	Chap	1777
		3200		46° 4' 40
		3300		42° 28
		3400		
		3500	Miwo Bay	
		3600	Laplain Id.	
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *106* Date *10/10/11*
11 Machine. Reel.
 Turns Cor.+ Depth *42*
~~Shot or lead~~ *30*
 Bottom
 Bottom temperature *26*
 No. of thermometer *1010* Cor.
 Corrected temperature
 Air *59* Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE/ROPE.	
DOWN. / <i>✓</i>	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

(No. 112007 Date 22 21

TN Machine. Reel. 1

Turns . Cor. + Depth 2

Shot or lead 30

Bottom 4

Bottom temperature 34.4 1 f

No. of thermometer 107155 Cor. -0.1

Corrected temperature 34

Air 29 Surface 78 Drift

Trawl or dredge 4

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
31.40	37.15	0	9.41.10	07.30
1.0	1.06.18	100	44.00	11.04.01
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>411</i>	<i>—</i>
		2600	<i>1000</i>	<i>1000</i>
		2700	<i>1100</i>	<i>10100 3</i>
		2800	<i>—</i>	<i>—</i>
		2900	<i>1000</i>	<i>39.0</i>
		3000	<i>1000</i>	<i>1000</i>
		3100	<i>1000</i>	<i>1000</i>
		3200	<i>1000</i>	<i>1000</i>
		3300	<i>1000</i>	<i>1000</i>
		3400	<i>1000</i>	<i>1000</i>
		3500	<i>1000</i>	<i>1000</i>
		3600	<i>1000</i>	<i>1000</i>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 1500 Date 2000

Machine. Reel.

Turns Cor. + Depth 40~~Shot or lead~~Bottom gn mBottom temperature 34.5No. of thermometer 107155Cor. -1Corrected temperature 33.9Air 67Surface 59

Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *105009* Date *Sept 27*
T.M. Machine. Reel. *71*
 Turns Cor.+ Depth *25 fath*
 Shot or lead *35*
 Bottom *gn. M.*
 Bottom temperature *38.6*
 No. of thermometer *108156* Cor. *-*
 Corrected temperature *38.6*
 Air *72°* Surface *61°* Drift
 Trawl or dredge *9' Coarset*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN. <i>K.M.</i>	UP.
	<i>1-5</i>	0	<i>1-40-10</i>	<i>2-04-00</i>
	<i>1-35</i>	100	<i>1-42-10</i>	<i>2-02-10</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		46° 24' 10" N.
		3300		142° 40' 00" E.
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 5010*Date *Sept**T.M.*

Machine.

Reel.

T.M.

Turns

Cor. +

Depth *21 fath*~~Shot or lead~~ *35^{lb}*Bottom *gr. M, S.*Bottom temperature *47.2° (?)*No. of thermometer *10815-5-* Cor. *- .1*Corrected temperature *47.1° (?)*Air *66°*Surface *60°*

Drift

Trawl or dredge *9' Agassiz*

SOUNDING WIRE.

DOWN. *P.M.* UP.

TURNS.

DREDGE ROPE.

DOWN. UP.

<i>1-1-10</i>	<i>2-10-10</i>	0		
		10		
<i>3-11-10</i>	<i>3-11-10</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	Weather	30. 1
		2700	Wind	S.S.W. 3
		2800	Sea	S.
		2900	Bar.	30.06
		3000	Lat.	46° 30' 30" N
		3100	Long.	142° 43' 30" E
		3200	Course	S.E.
		3300	Chart	H.O. 1727
		3400	Bearing	- Kossakovek
		3500	Lt N. 5° E. dist.	9.5
		3600	mi.	
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4855* Date *Sept 24/0**T. H.* Machine. Reel. *T. H.*Turns Cor.+ Depth *32 fath.*~~Shot~~ or lead *35⁷*Bottom *gn M*Bottom temperature *40.0°*No. of thermometer *10815-5-* Cor.Corrected temperature *39.4*Air *65°* Surface *60°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-54-00</i>	<i>2-55-10</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>Clear</i>	<i>48° 17' 27"</i>
		2600		<i>48° 20' 26"</i>
		2700		<i>48° 22' 25"</i>
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 5011* Date *25 Sep. 06*
T. N. Machine. Reel.

Turns Cor.+ Depth *42 fms.*

Shot or lead *long shank 30 lb*

Bottom *gn. M.*

Bottom temperature *34°*

No. of thermometer *108155* Cor.

Corrected temperature *3°*

Air *56°* Surface *58°* Drift

Trawl or dredge *9' Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.02.30</i>	<i>2.01.00</i>	0	<i>1.04.15</i>	<i>2.01.00</i>
<i>1.02.00</i>	<i>1.00.15</i>	100	<i>1.05.15</i>	<i>2.02.15</i>
		200		
		300	<i>= 20 min</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 25012 Date 25 Sep. 06

Machine. Reel.

Turns Cor.+

Depth 42 fms

Shot or lead

(from previous sounding)

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 56° Surface 58° Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	Weather	
		2600	Wind	
		2700	Sea	as 0.5011.
		2800	Current	
		2900	Chart	A.O. 1777.
		3000	Compass	South
		3100	Lat. 46° 17' 50" N	
		3200	Long. 143° 08' 30" E.	
		3300	Jarvis Bay,	
		3400	Sakhalin Id.	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

No. 115013

Date

V

Machine.

Reel.

Turns

Cor. +

Depth 43

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor. -

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>1</i>	<i>-</i>
		2600	<i>2</i>	<i>10 11 12</i>
		2700	<i>3</i>	<i>11 12 13</i>
		2800	<i>4</i>	<i>12 13 14</i>
		2900	<i>5</i>	<i>13 14 15</i>
		3000	<i>6</i>	<i>14 15 16</i>
		3100	<i>7</i>	<i>15 16 17</i>
		3200	<i>8</i>	<i>16 17 18</i>
		3300	<i>9</i>	<i>17 18 19</i>
		3400	<i>10</i>	<i>18 19 20</i>
		3500	<i>11</i>	<i>19 20 21</i>
		3600	<i>12</i>	<i>20 21 22</i>
		3700	<i>13</i>	<i>21 22 23</i>
		3800	<i>14</i>	<i>22 23 24</i>
		3900	<i>15</i>	<i>23 24 25</i>
		4000	<i>16</i>	<i>24 25 26</i>

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *03014* Date *Sept 26/01*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *329 fath*
 Shot or lead *35-lb + single cut.*
 Bottom *gn. M*
 Bottom temperature *33-*
 No. of thermometer *10815-5-* Cor. *-1°*
 Corrected temperature *34.9°*
 Air *52°* Surface *58°* Drift
 Trawl or dredge *9' Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
<i>46-35</i>	<i>52-00</i>	100		
<i>47-40</i>	<i>51-15</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

9' Agassiz net.
15 ft. lanceola, etc., etc.
side, 216 ft. dredge, etc.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		<i>Line 3</i>
		2700		<i>N. 7. W. 4-5</i>
		2800		
		2900		
		3000		
		3100		<i>100 27</i>
		3200		<i>4 46 00</i>
		3300		<i>100 00 00 E</i>
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Wire came off sheave below acc. at 200 fath. Net carried away. Acc. register. Net came off sheave below acc. and let go overboard.

No. *105015* Date *Sept 26/06*
Lucas Machine. Reel. *Lucas*
 Turns. Cor.+ Depth *5-10 fath*
 Shot ~~on lead~~ *35" + Sieber cup*
 Bottom *gr. M.*
 Bottom temperature *36.0°*
 No. of thermometer *108155* Cor. *-.1*
 Corrected temperature *35.9°*
 Air *5-1°* Surface *5-6°* Drift
 Trawl or dredge *9' alb. B*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *2-5016* Date *26 Dec. 1880*

J. Lucas Machine. Reel. *Lucas*

Turns. Cor.+ Depth *64 fms.*

Shot or lead *35 lb x S.S. Cup.*

Bottom *bn. M. fine. bk. S. xx)*

Bottom temperature *29.9 °)*

No. of thermometer *108155* Cor. *- .1*

Corrected temperature *29.8*

Air *48°* Surface *54°* Drift

Trawl or dredge *9' Agassiz.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.00.45</i>	<i>1.02.00</i>	0	<i>1.20.20</i>	<i>1.33.30</i>
<i>1.01.40</i>	<i>1.03.00</i>	<i>64/100</i>	<i>23.20</i>	<i>24.15</i>
		<i>200</i>	<i>1.24.00</i>	<i>25.10</i>
<i>*) further trial</i>		300	<i>4 min. 40 sec.</i>	
<i>with the same</i>		400		
<i>thermometer</i>		500	<i>Net empty</i>	
<i>the same</i>		600		
<i>result. Thermometer</i>		700		
<i>the same was</i>		800		
<i>with the Reel.</i>		900		
<i>ed. 29.8, corrected</i>		1000		
<i>to 29.7.</i>		1100		
		1200		
		1300		
		1400		
<i>the same</i>		1500		
<i>continued by Reel.</i>		1600		
<i>later with Reel.</i>		1700		
<i>also Reel. the same</i>		1800		
<i>in hand.</i>		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	(02)	94.8
		2600		Tem 6
		2700		Not, 5-6
		2800		C.
		2900		
		3000		15.0. 1222.
		3100	Course PSC	Time.
		3200	Lat, 46°44'30"N.	
		3300	Long. 143°45'00 E.	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

Machine.

Reel.

Turns.

Cor. +

Depth 64 *

Shot or lead

No Sounding.

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

48°

Surface

5°

Drift

Trawl or dredge

9' Alb. -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	1.00.00	2.05.00
		100	1.02.00	2.03.00
		200	1.04.00	
		300		
		400	Net down	
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		as D. 50 1/2.
		2900	<i>Anemoid</i>	
		3000	<i>Chart</i>	
		3100	<i>W.S.W.</i>	
		3200	<i>Lat. 46° 45' 30" N.</i>	
		3300	<i>Long. 145° 45' 00" E.</i>	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4886* Date *June 16**Lucas* Machine. Reel. *Lucas*Turns. Cor. + Depth *82 fms.*Shot or lead *35 lb. & S.S. Cup*Bottom *bn. M. bk. S. P.*Bottom temperature *30°*No. of thermometer *108019* Cor. *-.1*Corrected temperature *30°*Air *49°* Surface *54°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.11.20</i>	<i>7.22.15</i>	0		
<i>7.11.40</i>	<i>7.21.55</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P. Z.	09.5
		2600	Weather	
		2700	Wind	
		2800	Sea	—
		2900	Thermid	
		3000	Chart	H. O. 1777.
		3100	Cover PSC	—
		3200	Lat. $46^{\circ}43'30''N.$	
		3300	Long. $143^{\circ}05'$	
		3400	Cape Horn bore	
		3500	$N 68^{\circ}W$ (true),	
		3600	dist. 17 miles	
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 5018* Date *26 Sep. 06.*

Machine. *Sigsbee* Reel. *Sigsbee*

Turns *100* Cor. + Depth *100 fms.*

Shot ~~or lead~~ *35 lb. 2 S.S. Cus.*

Bottom *ln M sh SP*

Bottom temperature *30.5*

No. of thermometer *108019* Cor. *- .1*

Corrected temperature *30.4*

Air *53.0* Surface *57.0* Drift

Trawl or dredge *9' Sigsbee*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.18.00</i>	<i>3.20.50</i>	0	<i>3.24.45</i>	<i>3.58.30</i>
<i>3.18.55</i>	<i>3.19.55</i>	100	<i>27.40</i>	<i>53.40</i>
		200	<i>3.30.40</i>	<i>3.50.40</i>
		300	<i>= 20 min.</i>	
		400		
		500		
		600	<i>At 3.55.20 stopped heaving in, to gate wire clear of</i>	
		700		
		800		
		900		
		1000	<i>3.56.40 commene ed heaving in again.</i>	
		1100		
		1200		
		1300		
		1400	<i>Net badly torn.</i>	
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>Weather</i>	2.8 <i>beam 3.</i>
		2600	<i>Wind</i>	<i>West 3.</i>
		2700	<i>Sea</i>	<i>S.</i>
		2800	<i>Current</i>	29.88
		2900	<i>Time</i>	2.2.00
		3000	<i>Course 130</i>	<i>S.S.W.</i>
		3100	<i>Lat. 46° 41' 30" N.</i>	
		3200	<i>Long. 143° 57' 40" E.</i>	
		3300	<i>Cape Tonin bore</i>	
		3400	<i>N 66° W (tr), dist.</i>	
		3500	<i>21.3 miles.</i>	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1024

REMARKS:

No. *II 5019* Date *26 Sep 06**Wear* Machine. Reel. *1*

Turns Cor. +

Depth *19* ✓Shot or lead *35 lb*Bottom *fine M. S.*Bottom temperature *32.2*No. of thermometer *108019*Cor. *-1*Corrected temperature *32.1*Air *22*Surface *18.70*

Drift

Trawl or dredge *4 Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<i>1.25</i>
		100		<i>1.40</i>
		200		
		300		
		400		<i>1.5</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.C.</i>	<i>1.6</i>
		2600	<i>Weather</i>	<i>bcn d</i>
		2700	<i>Winds</i>	<i>10</i>
		2800	<i>Sea</i>	<i>d</i>
		2900		
		3000	<i>Chart</i>	<i>1377</i>
		3100	<i>Course PSC</i>	<i>S. 5. W.</i>
		3200	<i>Lat.</i>	
		3300		
		3400		
		3500	<i>6' 10'</i>	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 10. 5020 Date Sept 27, 1906.

T.M. Machine. Reel.

Turns Cor.+ Depth 73 fath

~~Shot~~ or lead Combu. sinker & tub.

Bottom gn. M., S., P.

Bottom temperature 31.0

No. of thermometer 108019 Cor. -.1°

Corrected temperature 30.9°

Air 50° Surface 48° Drift

Trawl or dredge 9' Agassiz.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	A. M. UP.		DOWN.	A. M. UP.
8-01-00	8-04-10	0	8-25-00	8-54-10
		73		
8-01-40	8-02-40	100	28-00	51-10
		15		
		200	8-29-40	8-49-40
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L.</i>	<i>32.5-</i>
		2600	<i>Chart</i>	
		2700	<i>Wind</i>	<i>S. 26. 4</i>
		2800	<i>Sea</i>	<i>x</i>
		2900	<i>Bar.</i>	<i>29.95</i>
		3000	<i>Temp</i>	<i>6.1</i>
		3100	<i>Chart</i>	<i>H.O. 176</i>
		3200	<i>Lat</i>	<i>48° 32' 45" N</i>
		3300	<i>Long</i>	<i>175° 15' 00" W</i>
		3400		
		3500		
		3600	<i>Bottom</i>	<i>fine sand</i>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-4023

REMARKS:

No. 10. 5021

Date Sept 27, 1906

I.N.

Machine.

Reel. I.N.

Turns Cor. +

Depth 73 fath.

~~Shot or lead~~ 35^{lb}

Bottom gn. M., S. D.

Bottom temperature 31.0°

No. of thermometer 108019

Cor. - .1°

Corrected temperature 30.

Air 50° Surface 48° Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		52 3
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 103022 Date Sept 27, 1906

Lucas Machine. Reel. Lucas

Turns Cor.+ Depth,

Shot or lead 35^{lbs} & Ligebe cup.

Bottom g-n. M. crs

Bottom temperature 30.2°

No. of thermometer 108019 Cor. -.1°

Corrected temperature 30.1°

Air 50° Surface 49° Drift

Trawl or dredge 9' Agassiz

SOUNDING WIRE.

DOWN. A M UP.

TURNS.

DREDGE ROPE.

DOWN. A M UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		14.0, 1960
		3200		48° 35' 30" N
		3300		46° 20' E.
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4887.* Date *27 Sep. 06.**J. T. N.* Machine. Reel.Turns Cor.+ Depth *73 fms.*~~Shot or lead~~ *long shank.*Bottom *S. P.*

Bottom temperature

No. of thermometer *none used.* Cor.

Corrected temperature

Air *52°* Surface *48°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*12.46.25 12.48.30**12.47.10 12.47.11**0**73) 100*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. D. 5023. Date 27 Sept. '06.

T.N. Machine. Reel.

Turns Cor.+ Depth 75 fms.

Shot or lead 60 lb. Shank.

Bottom S. P.

Bottom temperature 31°

No. of thermometer 108019 Cor. — . 1

Corrected temperature 30.9

Air 52° Surface 48° Drift

Trawl or dredge 9' Agassiz.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.30.00		0	1.40.00	2.12.00
1.31.00		100	1.42.00	2.10.00
		200	1.45.00	2.05.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	(C. C.)	572.5
		2600	7.10.15	573.5
		2700	7.11.0	574.5
		2800	7.11.45	575.5
		2900	7.12.30	576.5
		3000	7.13.15	577.5
		3100	7.14.0	578.5
		3200	7.14.45	579.5
		3300	7.15.30	580.5
		3400	7.16.15	581.5
		3500	7.17.0	582.5
		3600	7.17.45	583.5
		3700	7.18.30	584.5
		3800	7.19.15	585.5
		3900	7.20.0	586.5
		4000	7.20.45	587.5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 25024. Date 27 Sep. 1900.

T. N. Machine. Reel.

Turns Cor.+ Depth

Shot or lead 35 lb Shank.

Bottom S. P.

Bottom temperature 51.0

No. of thermometer 108019. Cor.

Corrected temperature 30.9

Air 52.0 Surface 48.0 Drift

Trawl or dredge 9' Agassiz.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

2.26.00	2.26.00	0	2.26.00	2.26.00
2.27.00	2.27.05	100	2.27.00	2.27.05
		200	2.28.00	2.28.05
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	<i>Recurring: 3.1.11 N. 48° W. Cape Patience, S. 72° W.</i>	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1000* Date *27 Dec 1900**T. N.* Machine. Reel.Turns Cor.+ Depth *57 fms.*~~Shot or lead~~ *Long shank.*Bottom *P.*Bottom temperature *31.8*No. of thermometer *108019* Cor. *- .1*Corrected temperature *31.7*Air *52°* Surface *48°* DriftTrawl or dredge *4'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.38.40</i>	<i>3.40.50</i>	0	<i>3.40.00</i>	<i>3.40.00</i>
<i>3.39.30</i>	<i>3.39.50</i>	100	<i>3.40.30</i>	<i>3.40.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		58.5
		2600		62.7
		2700		51.2
		2800		S.
		2900	Enrolled	29.90
		3000	Chart	7.0. 1960.
		3100	Cross PSC	
		3200	Lat. 48° 43' 30" N.	
		3300	Long. 17° 15" E	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-10-23

REMARKS:

No. 1

Date

Machine.

Reel.

Turns

Cor. +

Depth 119

Shot or lead 35 lbs. Agate cup

Bottom gy. s. f.

Bottom temperature 30.1

No. of thermometer 108019 Cor. - .1

Corrected temperature 30.0

Air () Surface (7) Drift

Trawl or dredge 7 Agate cup

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		110 200		
		2 500		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *51* Date *27 Sep 06*
Sigsbee Machine. Reel. *1*
 Turns Cor.+ Depth
 Shot or lead *35 lb*
 Bottom *fine gy S F*
 Bottom temperature *32.1*
 No. of thermometer *10854* Cor. *-.1*
 Corrected temperature *52.1*
 Air *50* Surface *48* Drift
 Trawl or dredge *9*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		621
		2700	4000	11 1/2
		2800	Sea	27
		2900	1500	2000
		3000	1000	1400
		3100	1000	1400
		3200	Lat	48° 27' 30"
		3300	Long	145° 23' 30"
		3400	1	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *10,5028* Date *Sept 25, 190*

Lucas Machine. Reel. *Lucas*

Turns Cor.+ Depth -

Shot or lead *35th & Liaski*

Bottom *gn. M., ...*

Bottom temperature *33.4°*

No. of thermometer *108019* Cor. *-.1°*

Corrected temperature *33.3°*

Air *50°* Surface *49°* Drift

Trawl or dredge *9' Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		<i>bc. 1</i>
		2700		<i>24. 4-0</i>
		2800		<i>41.</i>
		2900		
		3000		<i>S.S.E.</i>
		3100		<i>at H.O. 1960</i>
		3200		<i>48° 75' 00" 71.</i>
		3300		<i>145° 30' 00" 8</i>
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *10. 5-029* Date *Sept. 28, 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *440 fath.*
 Shot or lead *35th & Light*
 Bottom *bk S., G.*
 Bottom temperature *35.4°*
 No. of thermometer *108019* Cor. *-.1°*
 Corrected temperature *35.3°*
 Air *51°* Surface *49°* Drift
 Trawl or dredge *9' Lucas*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. M.</i>				
<i>27-15</i>	<i>2-36-16</i>	0		
<i>8-00</i>	<i>33-20</i>	100		
<i>28-50</i>	<i>34-30</i>	200		
<i>29-50</i>	<i>33-36</i>	300		
<i>31-00</i>	<i>32-46</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L.</i>	<i>92.8</i>
		2600	<i>Weather bc</i>	
		2700	<i>11. 1. 21.</i>	
		2800		
		2900	<i>11. 2. 21.</i>	
		3000	<i>Course S.S.E</i>	
		3100	<i>Chart H.Q. 1777</i>	
		3200	<i>Lat 48° 32' 30" N.</i>	
		3300	<i>Long 145° 43' 30" E</i>	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS: .

No. D. 5030. Date 29 Sep. 1906

Lucas Machine. Reel. Lucas

Turns Cor.+ Depth 1800 fms.

Shot or lead 60-lb & S.S. Cup.

Bottom bn. M.

Bottom temperature 35.0 (at 1800 fms)

No. of thermometer 10801 Cor.

Corrected temperature 22.1 X

Air 54° Surface 54° Drift

Trawl or dredge 9' dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.14.00	8.14.00	0		
1.10	8.35	100		
50.00	8.40	200		
57.30	8.50	300		
58.00	8.55	400	7.50.20	8.57.00
58.30	8.58	500	07.55	
58.50	9.00	600		8.57.30
59.00	9.05	700	08.00	8.58.00
59.10	9.10	800	08.05	8.58.30
59.20	9.15	900	08.10	8.59.00
59.30	9.20	1000	08.15	8.59.30
59.40	9.25	1100	08.20	8.59.45
59.50	9.30	1200	21.15	8.59.55
60.00	9.35	1300	21.20	8.59.50
60.10	9.40	1400	21.25	8.59.45
60.20	9.45	1500	21.30	8.59.40
60.30	9.50	1600	21.35	8.59.35
60.40	9.55	1700	21.40	8.59.30
60.50	9.58	1800	21.45	8.59.25
		1900	40.30	8.59.20
		2000	40.35	8.59.15
		2100	40.40	8.59.10
		2200	40.45	8.59.05
		2300	40.50	8.59.00
		2400	40.55	8.58.55

Then let out wire, raising to and about 8 fathoms. Bottom at 1800 fms. bn. M.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	9. 57.30 10 9.30	
		2600	(24 min)	
		2700	11 12.19	
		2800	Have no more	
		2900	when wire reached	
		3000	to take in hand; re-	
		3100	ceived wire, and	
		3200	at 12.30	
		3300	at 12.30	
		3400	at 12.30	
		3500	at 12.30	
		3600	24 min.	
		3700		
		3800	at 12.30	
		3900	at 12.30	
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				Dumplings were seen frolicking about the ship while sounding.
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

The thermometer tripped at 1251 fms., when
the 300 fms. of wire was paid out (the
thermometer was at 1251 fms.). The end of the
end of sounding wire was
stretched 20 fms (!).

No. *5030* Date *29 Sep 06*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom *111 X. sand*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *56* Surface *56* Drift

Trawl or dredge *XVI 1 2 3 4 5*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*of and crown
over board at
and of taking
Serials.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			-0.2	32.1
50			-0.1	31.8
100	32.2	108019	-0.1	32.1
200			-0.1	32.0
300			-0.1	32.0
400			-0.1	32.1
500			-0.1	32.2
600			-0.1	32.3
700			-0.1	32.4
800				
900				
1000				

REMARKS:

108019 - temp at 5.32.2
 temp at 2.10.19
 temp

No. *H 4888* Date *Sept. 30, 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *752 fath*
 Shot or lead *60[#]*
 Bottom *fine dk. S. P.*
 Bottom temperature *36.3°*
 No. of thermometer *108155* Cor. *-.1°*
 Corrected temperature *36.2°*
 Air *58°* Surface *56°* Drift
 Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>6-0-10</i>	<i>7-2-01</i>	0		
<i>11-1</i>	<i>11-1</i>	100		
<i>12-1</i>	<i>12-1</i>	200		
<i>13-1</i>	<i>13-1</i>	300		
<i>14-1</i>	<i>14-1</i>	400		
<i>15-1</i>	<i>15-1</i>	500		
<i>16-1</i>	<i>16-1</i>	600		
<i>17-1</i>	<i>17-1</i>	700		
<i>18-1</i>	<i>18-1</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

* Stopped several min to get ship's head
 with current.

No. *1000* Date *Oct 12, 1905*Machine. *Lucas* Reel. *Lucas*Turns Cor. + Depth *1319 fms.*Shot or lead *35-lb & S.S. Cup.*Bottom *fm. M.*Bottom temperature *35.9*No. of thermometer *108155* Cor. *- .1*Corrected temperature *35.8*Air *62°* Surface *62°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.14.50</i>	<i>6.10.50</i>	0		
<i>15.00</i>	<i>6.11.10</i>	100		
<i>20.00</i>	<i>6.11.30</i>	200		
<i>25.00</i>	<i>6.11.50</i>	300		
<i>30.00</i>	<i>6.12.10</i>	400		
<i>35.00</i>	<i>6.12.30</i>	500		
<i>40.00</i>	<i>6.12.50</i>	600		
<i>45.00</i>	<i>6.13.10</i>	700		
<i>50.00</i>	<i>6.13.30</i>	800		
<i>55.00</i>	<i>6.13.50</i>	900		
<i>60.00</i>	<i>6.14.10</i>	1000		
<i>65.00</i>	<i>6.14.30</i>	1100		
<i>70.00</i>	<i>6.14.50</i>	1200		
<i>75.00</i>	<i>6.15.10</i>	1300		
<i>8.15.50</i>	<i>6.15.30</i>	1400		
		1500		
<i>Shore station</i>		1600		
<i>112.00</i>		1700		
		1800		
<i>Shore station</i>		1900		
<i>112.00</i>		2000		
<i>Shore station</i>		2100		
<i>112.00</i>		2200		
<i>Shore station</i>		2300		
<i>112.00</i>		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L.	47.3
		2600	Chart	H.O. 2124.
		2700	Loc. 4000	
		2800	Long. 145° 10' E	
		2900	Shire to 711.0	
		3000	S. 57 1/2° W. (tr.), dist.	
		3100	14 miles.	
		3200		
		3300	Entrance to	
		3400	14 miles.	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 354122. Date 30. Sep. 1906.

Lucas Machine. Reel. Lucas

Turns Cor.+ Depth 1799 fms.

Shot or lead 35-lb. S.S. Cup.

Bottom fm. M.

Bottom temperature 35.9

No. of thermometer 108155. Cor. - .1

Corrected temperature 35.8

Air 61° Surface 62° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.22.15	10.57.15	0		
10.23.00	10.56.45	100		
10.23.30	10.56.15	200		
10.24.00	10.55.45	300		
10.24.30	10.55.15	400		
10.25.00	10.54.45	500		
10.25.30	10.54.15	600		
10.26.00	10.53.45	700		
10.26.30	10.53.15	800		
10.27.00	10.52.45	900		
10.27.30	10.52.15	1000		
10.28.00	10.51.45	1100		
10.28.30	10.51.15	1200		
10.29.00	10.50.45	1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.C.	57.3
		2600		
		2700	Long. 44° 19' 30" N.	
		2800	Long. 17°	
		2900	Shimoda, Misaki	
		3000	to, dist.	
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4891* Date *31 Dec 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *756*
 Shot or lead *35*
 Bottom *gn. m.*
 Bottom temperature *36.2*
 No. of thermometer *10810* Cor. *-.1*
 Corrected temperature *36.1*
 Air *62°* Surface *63°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
	<i>3</i>	200		
	<i>57</i>	300		
	<i>1.1</i>	400		
	<i>2.1</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>L</i>	70.4
		2600	<i>Lail</i>	12.20
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1024

REMARKS:

No. *1155* Date*a* Machine. Reel. /

Turns Cor.+ Depth

Shot or lead *35 lb*Bottom *sh. S. G.*

Bottom temperature

No. of thermometer *10* Cor. —Corrected temperature *43*Air *62* Surface *3* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		<i>1</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	1 1/2	1 1/2
		2600	1 1/2	1 1/2
		2700	1 1/2	1 1/2
		2800	1 1/2	1 1/2
		2900	1 1/2	1 1/2
		3000	1 1/2	1 1/2
		3100	1 1/2	1 1/2
		3200	1 1/2	1 1/2
		3300	1 1/2	1 1/2
		3400	1 1/2	1 1/2
		3500	1 1/2	1 1/2
		3600	1 1/2	1 1/2
		3700	1 1/2	1 1/2
		3800	1 1/2	1 1/2
		3900	1 1/2	1 1/2
		4000	1 1/2	1 1/2

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *5037* Date *50*

Machine. Reel.

Turns Cor.+ Depth *30*Shot or lead *35 lb*Bottom *br. m. sh. bk S. G.*Bottom temperature *5*No. of thermometer *1011* Cor.Corrected temperature *5.4*Air *63* Surface *64* DriftTrawl or dredge *9" Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.10</i>	<i>10</i>	0		
<i>12.0</i>	<i>9</i>	100		
<i>12.10</i>	<i>8</i>	200		
<i>12.20</i>	<i>7</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *11033* Date*McA* Machine. Reel.Turns Cor.+ Depth *533*Shot or lead *35*Bottom *gy. m. sh.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *67°* Surface *64°* DriftTrawl or dredge *Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		<i>47-10</i>
		100		<i>44-05</i>
		200		<i>41-00</i>
		300		<i>37-50</i>
		400		<i>34-45</i>
		500		<i>32-10</i>
		<i>533</i> 600		<i>29-25</i>
		700		<i>26-15</i>
		800		<i>23-10</i>
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Net ...

No. *75. 4892*. Date *1 Oct. 1906.*Machine. Reel. *Lucas*Turns Cor.+ Depth *53 fms.*Shot or lead *35-lb & S.S. Cup.*Bottom *gs. bk. S.*Bottom temperature *44.5*No. of thermometer *108155*. Cor. *-.2*Corrected temperature *44.3*Air *63°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1.02.00 *1.02.00* 0*1.02.30* *1.02.30* 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 5034.* Date *1 Oct. 1906.*Machine. *Lucas* Reel. *Lucas*Turns Cor.+ Depth *127 fms.*Shot or lead *35-lb and S.S. Case*Bottom *crs. bk. S. G.*Bottom temperature *35.2*No. of thermometer *108155.* Cor. *-.1*Corrected temperature *35.1*Air *61°* Surface *58°* DriftTrawl or dredge *9' Agassiz.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.48.25</i>	<i>1.52.10</i>	0		
<i>40.30</i>	<i>51.10</i>	100		
<i>1.50.00</i>	<i>1.51.00</i>	<i>127</i> 200	<i>05.00</i>	
		300	<i>07.00</i>	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L.	58.9
		2600	Weather	60.9
		2700	Wind	SSW. 4.
		2800	Sea	M.
		2900	Aneroid	29.72
		3000	Chart	H.O. 2124.
		3100	Course PSC	S.E.
		3200	Lat. 43° 05' 30" N.	
		3300	Long. 145° 57' 40" E	
		3400		
		3500	Off Atchishi Saki;	
		3600	Eastern end of	
		3700	Yezo.	
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *25035* Date *1 Oct. 1906.*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *322 fms.*
 Shot or lead *35 lb and S.S. Cup*
 Bottom *co. bk. S. and sh.*
 Bottom temperature *37.6*
 No. of thermometer *108151* Cor. *-.1*
 Corrected temperature *37.5*
 Air *60°* Surface *58°* Drift
 Trawl or dredge *9' Agassiz.*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>2.40.35</i>	<i>2.48.00</i>	0	<i>2.55.00</i>	<i>08</i>
<i>41.45</i>	<i>47.05</i>	100	<i>58.00</i>	<i>05.15</i>
<i>42.55</i>	<i>46.15</i>	200	<i>3.00.45</i>	<i>03.00</i>
<i>44.00</i>	<i>45.25</i>	300	<i>03.25</i>	<i>00.45</i>
<i>2.44.20</i>	<i>2.45.10</i>	<i>322</i> 400	<i>06.20</i>	<i>58.30</i>
		500	<i>09.00</i>	<i>56.15</i>
		600	<i>11.45</i>	<i>53.30</i>
		700	<i>14.30</i>	<i>50.10</i>
		800	<i>3.17.25</i>	<i>3:45.00</i>
		900		
		1000	<i>At 3:19:05 the forward gin block on bath deck carried away from stanchion. The accumulator registered over 4 tons at the time. Shortly after the 9' Agassiz frame carried away and brought the accumulator to a standstill at about 1 1/4.</i>	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lost: 9' Agassiz frame, 2400
 Net, 2 glass floats, 1 barrel, 1 lead weight
 shackles come up

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	Weather	comp. 10
		2700	Wind	SSW. 4
		2800	Sea.	M.
		2900	Aneroid	29.71
		3000	Chart	H.O. 2124
		3100	Course	RSC ENE.
		3200	Lat. 43° 05' N.	
		3300	Long. 146° 00' E.	
		3400		
		3500	Off Atchafiki Saki, Eastern end of Upogo.	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

There are now about 3000 or 3100
fms. dredge wire still remaining
on both deck reel.

11

620 801